# CATALOGUE

OF THE

# UNIVERSITY OF NORTH CAROLINA,

AT

## CHAPEL HILL.

EIGHTY-SEVENTH YEAR.

1881-'82.

RALEIGH:
UZZELL & WILEY, STEAM PRINTERS AND BINDERS.
1882.

# BOARD OF TRUSTEES.

His Excellency, THOMAS J. JARVIS,
*Governor and President ex-officio.*

Hon. WM. L. SAUNDERS, *Secretary.*

TERM EXPIRES NOV. 30, 1883.

Hon. Thos. S. Ashe, LL. D., ..... Anson.
William J. Hawkins, M. D., ..... Warren.
Hon. Kemp P. Battle, LL. D., ..... Orange.
Charles W. Broadfoot, Esq., ..... Cumberland.
Hon. Paul C. Cameron, ..... Orange.
E. Hayne Davis, Esq., ..... Iredell.
John E. Dugger, Esq., ..... Wake.
Benjamin F. Grady, Esq., ..... Sampson.
James A. Graham, Esq., ..... Alamance.
Hon. Louis C. Latham, ..... Washington.
*Hon. Matthias E. Manly, LL. D., ..... Craven.
Wm. N. Mebane, Esq., ..... Rockingham.
A. Haywood Merritt, Esq., ..... Chatham.
Hon. Zebulon B. Vance, LL. D., ..... Mecklenburg.
Rev. Calvin H. Wiley, D. D., ..... Forsyth.
Patrick H. Winston, Jr., Esq., ..... Bertie.

TERM EXPIRES NOV. 30, 1885.

Col. James S. Amis, ..... Granville.
Richard H. Battle, Jr., Esq., ..... Wake.
Julian S. Carr, Esq., ..... Durham.
W. H. Day, Esq., ..... Halifax.
W. J. Ewing, M. D., ..... Montgomery.
Hon. A. S. Merrimon, LL. D., ..... Wake.
John S. Henderson, Esq., ..... Rowan.
Wm. E. Hill, Esq., ..... Duplin.
W. H. Johnston, Esq., ..... Edgecombe.
Rev. L. R. McAboy, D. D., ..... Polk.
Reuben McBrayer, Esq., ..... Cleveland.

*Deceased.

Hon. M. McGehee,.....Person.
Col. Paul B. Means,.....Cabarrus.
M. H. Pinnix, Esq.,.....Davidson.
Hon. Charles Price,.....Davie.
J. H. Thorpe, Esq.,.....Nash.

TERM EXPIRES NOV. 30, 1887.

Rev. A. D. Betts,.....N. C. Conference.
Hon. R. R. Bridgers,.....New Hanover.
Hon. Ralph P. Buxton,.....Cumberland.
Hon. George Davis,.....New Hanover.
Hon. Mills L. Eure,.....Gates.
Hon. W. T. Faircloth,.....Wayne.
N. P. Foard, Esq.,.....Surry.
Hon. John A. Gilmer,.....Guilford.
Maj. John W. Graham,.....Orange.
F. M. Johnston, Esq.,.....Davie.
Hon. James M. Leach,.....Davidson.
Hon. John Manning,.....Chatham.
D. P. McEachern, Esq.,.....Robeson.
R. B. Peebles, Esq.,.....Northampton.
Hon. James L. Robinson,.....Macon.
W. J. Yates, Esq.,.....Mecklenburg.

TERM EXPIRES NOV. 30, 1889.

Hon. C. M. Cooke,.....Franklin.
Hon. J. J. Davis,.....Franklin.
Col. G. N. Folk,.....Caldwell.
H. F. Grainger, Esq.,.....Wayne.
Eugene Grissom, M. D., LL. D.,.....Wake.
*Col. Lewis Hanes,.....Davidson.
C. W. Hollowell, Esq.,.....Perquimans.
Rev. Neill McKay, D. D.,.....Harnett.
Col. H. B. Short,.....Columbus.
Hon. W. L. Steele,.....Richmond.
Rev. J. L. Stewart,.....Sampson.
Col. S. McD. Tate,.....Burke.
Hon. C. R. Thomas,.....Craven.
Hon. R. B. Vance,.....Buncombe.
Joseph Williams, Esq.....Yadkin.
Rev. N. H. D. Wilson, D. D.,.....Guilford.

*Deceased.

## ADDITIONAL TRUSTEES.

TERM EXPIRES NOV. 30, 1883.

David T. Tayloe, M. D.,.....Beaufort.
Hon. Wm. L. Saunders,.....Wake.

TERM EXPIRES NOV. 30, 1885.

A. M. Lewis, Esq.,.....Wake.
Thomas Sparrow, Esq., .....Beaufort.

TERM EXPIRES NOV. 30, 1887.

Rev. Daniel A. Long, .....Alamance.
George Williamson, Esq.,.....Caswell.

TERM EXPIRES NOV. 30, 1889.

Maj. John D. Cameron, .....Orange.
Hon. Geo. V. Strong,.....Wake.

Note.—It is required by law that these additional Trustees shall be "from points conveniently accessible to the seats of government and of the University."

## EXECUTIVE COMMITTEE.

His Excellency, THOS. J. JARVIS, Chairman ex-officio.
Hon. PAUL C. CAMERON.
RICHARD H. BATTLE, Jr., Esq.
JULIAN S. CARR, Esq.
EUGENE GRISSOM, M. D., LL. D.
A. M. LEWIS, Esq.
Hon. WM. L. SAUNDERS.
Hon. GEORGE V. STRONG.

# FACULTY.

Hon. KEMP P. BATTLE, LL. D., President,
*Professor of Political Economy, Constitutional and International Law.*

Rev. CHARLES PHILLIPS, D. D., LL. D.,
*Professor Emeritus of Mathematics.*

J. DeBERNIERE HOOPER, A. M.,
*Professor of Greek and French.*

Rev. ADOLPHUS W. MANGUM, A. M., D. D.,
*Professor of Moral Philosophy, History, and English Literature.*

GEORGE TAYLOE WINSTON,
*Professor of Latin and German.*

RALPH HENRY GRAVES, B. Sc., C. and M. E.,
*Professor of Mathematics.*

CAREY D. GRANDY,
*Professor of Natural Philosophy and Engineering.*

FRANK PRESTON VENABLE, Ph. D., (Gœttingen),
*Professor of General, Agricultural, and Analytical Chemistry.*

JOSEPH AUSTIN HOLMES, B. Agr., (Cornell),
*Professor of Geology and Natural History.*

ROBERT PAINE PELL, A. B.,
*Assistant Professor of English, Latin, and Mathematics.*

THOMAS W. HARRIS, A. M., M. D.,
*Professor of Anatomy and Materia Medica.*

Hon. JOHN MANNING,
*Professor of Law.*

W. C. KERR, A. M., Ph. D.,
*State Geologist and Lecturer on the Geology of North Carolina.*

ANGUS ROBERTSON SHAW,
*Assistant in the Chemical Laboratory.*

NUMA FLETCHER HEITMAN,
*Instructor in Greek.*

HENRY HORACE WILLIAMS, *Librarian.*
Assistant Prof. PELL, *Secretary.*
A. MICKLE, Esq., *Bursar.*

# CATALOGUE OF STUDENTS.

## 1881–'82.

## POST-GRADUATE STUDENTS.

BATTLE, THOMAS HALL, .....Law,.....Chapel Hill.
A. B. (Univ. of N. C., '80).
BROOKS, THOMAS COOK,.....Law,.....Person Co.
Ph. B. (Univ. of N. C., '80).
CRAIG, LOCKE, .....Law, .....Chapel Hill.
A. B. (Univ. of N. C., '80).
DANCY, FRANK BATTLE, .....A. C., E. L., Ger.,..Tarboro.
A. B. (Univ. of N. C., '81).
MANNING, JAMES SMITH,.....Law,.....Chatham Co.
A. B. (Univ. of N. C., '79).
TAYLOR, JAMES COLE,.....A. C. .....New York.
B. S. (Univ. of N. C., '77).
WINBORNE, ROBERT WARREN,..... .....Law,.....Murfreesboro.
A. B. (Univ. of N. C., '81).
Total,.....7.

## FOURTH YEAR STUDENTS—(SENIORS).

(The letters Cl., Ph. and Sc. denote respectively the Classical, Philosophical and Scientific course of study.)

ADAMS, WILLIAM GALES,.....Ph., .....Iredell Co.
ALDERMAN, EDWIN ANDERSON,.....Ph.,.....Wilmington.
ALLEN, ALVIS WALDO, .....Ph., .....Granville Co.
BRYAN, ROBERT THOMAS, .....Cl.,..... .....Kenansville.
DAVIDSON, ALLEN TURNER, Jr.,.....Ph.,.....Asheville.
DESCHWEINITZ, EMILE ALEXANDER,....Cl., .....Salem.
FURGERSON, MCMURRAY, ..... .....Ph.,.....Littleton.
GRANDY, ALBERT SYDNEY,.....Cl.,.....Oxford.
HAMPTON, DAVID AMZI,.....Cl., .....Statesville.
JACKSON, JONATHAN WORTH, .....Cl., .....Pittsboro.
JEFFREYS, JOHN OSBORNE, .....Sc., .....Franklinton.
KENNEDY, DAVID SLOAN, .....Ph., .....Magnolia.

MAYHEW, THOMAS WILLIAM,.....Cl., .....Hyde Co.
MCALISTER, ALEXANDER WORTH,.....Cl.,.....Ashboro.
PEEBLES, HENRY BRUCE,.....Ph.,.....Jackson.
SKINNER, FREDERICK NASH,.....Cl.,.....Edenton.
STOKES, THOMAS DUDLEY,.....Sc.,.....Richmond, Va.
WHITE, RICHARD STREET,..... Sc.,.....Elizabethtown.
WHITSETT, GEORGE WALTER,.....Ph., ..... .....Graham.
WILSON, GEORGE GREGORY,.....Cl.,.....Greensboro.
WORTH, CHARLES WILLIAM,.....Cl.,.....Wilmington.
Total,.....21.

## THIRD YEAR STUDENTS—(JUNIORS).

BEAMAN, JOHN ROBINSON, Jr.,.....Sc.,.....Clinton.
BROWN, WILLIAM KING,.....Sc.,.....Robeson Co.
DICK, JOHN MCCLINTOCK,.....Cl.,.....Greensboro.
GRAY, BOBERT PERCY,.....Cl.,.....Greensboro.
HAYS, JOHN WILLIS, Jr.,.....Cl.,.....Oxford.
HEITMAN, NUMA FLETCHER,.....Cl.,.....Lexington.
HILL, CHARLES URQUHART,.....Sc.,.....Scotland Neck.
HUNTER, PERCY ISAAC,.....Sc.,.....Gates Co.
MEBANE, GEORGE ALLEN,.....Cl.,.....Mebaneville.
MILLENDER, MARION CHARLES,.....Cl.,.....Selma.
RADCLIFFE, THOMAS,.....Sc.,.....Wilmington.
RIDDLE, CHARLES LUCIEN,..... Cl.,.....Chatham Co.
RUFFIN, EDMUND,.....Ph.,.....Hanover Co., Va.
SHIPP, BARTLETT,.....Sc.,.....Charlotte.
SMEDES, CHARLES WATTS,.....Cl.,.....Raleigh.
SMEDES, EVERT BANCKER,.....Cl.,.....Raleigh.
STAMPS, PRESTON,... .....Cl.,.....Milton.
STRAYHORN, JOHN THOMAS,.....Cl.,.....Hillsboro.
THOMPSON, HENRY ERWIN,.....Cl.,.....Moore Co.
TURLINGTON, IRA THOMAS,.....Ph.,.....Johnston Co.
WARD, WYATT MACON,.....Cl.,..... .....Wilson.
WILKES, JOHN FRANCIS,... .....Ph.,.....Charlotte.
Total,.....21.

## SECOND YEAR STUDENTS—(SOPHOMORES).

ALEXANDER, CHARLES TAYLOR,.....Cl.,.....Rutherford Co.
BATTLE, GEORGE GORDON,.....Cl.,.....Rocky Mount.

Bobbitt, Sidney Mangum,.....Ph.,.....Granville Co.
Borden, John Lemuel,.....Ph.,.....Goldsboro.
Bryan, James Alexander,.....Cl.,.....Salter's, S. C.
Burwell, William Armistead,.....Cl.,.....Vance Co.
Craig, Braxton,.....Sc.,.....Chapel Hill.
Dortch, William Theophilus,.....Ph.,.....Goldsboro.
Gattis, Samuel Mallett,.....Cl.,.....Chapel Hill.
Graves, Bernard Franklin,.....Ph.,.....Mt. Airy.
Hamer, Missouri Robert,.....Cl.,.....Little Rock, S. C.
Harris, Andrew Jackson,.....Ph.,.....Oxford.
Hawes, Jesse Bowden,.....Ph.,.....Wilmington.
Hume, William Lowndes,.....Cl.,.....Brevard.
Jones, Robert Edward Lee,.....Ph.,.....Suffolk, Va.
Lenoir, Walter James,.....Cl.,.....Patterson.
Long, Augustus White,.....Cl.,.....Chapel Hill.
Love, James Lee,.....Ph.,.....King's Mountain.
McDowell, Charles Harper,.....Ph.,.....Shufordsville.
McDowell, James Allen,.....Ph.,.....Shufordsville.
McIntyre, Alexander,.....Cl.,.....Cameron.
McIntyre, Peter,.....Cl.,.....Cameron.
McIver, William Donald,.....Cl.,.....Chatham Co.
Miller, James Daniel,.....Ph.,.....Kinston.
Nevill, Samuel Goodman,.....Cl.,.....Orange Co.
Osborne, Thomas Samuel,.....Cl.,.....Asheville.
Overman, Harry James,.....Cl.,.....Salisbury.
Pollock, William Durward,.....Cl.,.....Kinston.
Randall, William George,.....Cl.,.....Burke Co.
Roberts, James Cole,.....Ph.,.....Newbern.
Rouse, Thomas Richard,.....Ph.,.....LaGrange.
Sawyer, Charles William,.....Cl.,.....Perquimans Co.
Slocumb, John Charles,.....Ph.,.....Clinton.
Turrentine, Samuel Bryant,.....Cl.,.....Hillsboro.
Warlick, Lee Martin,.....Cl.,.....Lincolnton.
Wharton, Turner Ashby,.....Cl.,.....Greensboro.
White, Benjamin Franklin,.....Ph.,.....Bertie Co.
Wood, Julian,.....Ph.,.....Edenton.
Total,.....38.

## FIRST YEAR STUDENTS—(FRESHMEN).

Adney, Edwin Tappan,.....Cl.,.....Pittsboro.
Battle, Marmaduke,.....Ph.,.....Tarboro.

Bobbitt, James Henry,.....Ph.,.....Raleigh.
Britton, Charles Wesley,.....Sc.,.....Jackson.
Buie, Doddridge Whitfield,.....Ph.,.....Robeson Co.
Butler, Marion,.....Cl.,.....Sampson Co.
Cherry, Tilman Brown,.....Sc.,.....Greenville.
Conrad, James Madison,.....Sc.,.....Davidson Co.
Davis, Richard Bryant,.....Sc.,.....Wayne Co.
Davies, Robert Leonidas,.....Sc.,.....Chapel Hill.
Eaton, Oscar Benjamin,.....Ph.,.....Mocksville.
Eller, Adolphus Hill,.....Cl.,.....Ashe Co.
Eure, Stephen Edward,.....Ph.,.....Nash Co.
Ford, Charles Henry,.....Sc.,.....Duplin Co.
Foreman, Ivey,.....Ph.,.....Washington.
Hall, Joshua Stanley,.....Ph.,.....Fayetteville.
Henry, William Smith,.....Sc.,.....Asheville.
Herring, John Robert, Jr.,.....Ph.,.....Scotland Neck.
Hill, Atherton Barnes, Jr,.....Ph.,.....Scotland Neck.
Hodge, Richard Debnam,.....Sc.,.....Raleigh.
Holleman, Silas Alvin,.....Ph.,.....Chatham Co.
Jackson, Max,.....Ph.,.....Fayetteville.
Jenkins, William Alexander,.....Cl.,.....Warren Co.
Kerr, James Phillips,.....Sc.,.....Alamance Co.
Latham, Thomas Emmett,.....Ph.,.....Ashe Co.
Latham, Heber Amos Lamar,.....Ph.,.....Greenville.
Long, Thomas Hiram,.....Sc.,.....Chapel Hill.
Lynch, Robert Bingham,.....Cl.,.....High Point.
Mangum, Ernest Preston,.....Cl.,.....Chapel Hill.
Mann, Julian Smith,.....Cl.,.....Hyde Co.
Manning, Pierre Beauregard,.....Sc.,.....Gates Co.
Matheson, William Malcolm,.....Sc.,.....Montgomery Co.
Matthews, Augustus,.....Ph.,.....Hamilton.
McElwee, William Henry,.....Sc.,.....Statesville.
McIver, Berrie Chandler,.....Cl.,.....Sandford.
McNeill, Daniel Hector,.....Cl.,.....Cumberland Co.
McNeill, William Hamilton,.....Cl.,.....Cumberland Co.
Moody, William Alexander,.....Sc.,.....Robeson Co.
Neal, Richard Smith,.....Ph.,.....Scotland Neck.
Norris, Walter Lee,.....Cl.,.....Apex.
Phillips, Edgar Tobias,.....Sc.,.....Johnston Co.
Purcell, John,.....Cl.,.....Robeson Co.
Ransom, Thomas Roberts,.....Cl.,.....Northampton Co.
Rives, Heber Thompson,.....Sc.,.....Beaufort Co.
Rothrock, Robah Benjamin,.....Ph.,.....Davidson Co.
Scull, St. Leon,.....Ph.,.....Harrellsville.

Seawell, Aaron Ashley Flowers, Jr.,..Ph.,.....Jonesboro.
Tankersley, Willie Little,.....Sc.,.....Chapel Hill.
Tate, Alexander Colvin,.....Sc.,.....Pender Co.
Tate, Charles Sidney,.....Sc.,.....Pender Co.
Thompson, Willie Gaston,.....Ph.,.....Moore Co.
Townsend, Richard Walter,.....Ph.,.....Lumberton.
Troy, Edward,.....Sc.,.....Columbus Co.
Vann, Livingston,.....Cl.,.....Madison, Florida.
Ward, Alfred Decatur,.....Ph.,.....Duplin Co.
West, Jesse Felix,.....Ph., .....Sussex Co., Va.
White, William Hill,.....Cl.,..... .....Salisbury.
Total,.....56

## OPTIONAL STUDENTS.

Anthony, John Alston,.....King's Mountain.
B. K., L., M., A. R., H., Eng.

Atwater, Alfred Sidney,.....Chatham Co.
C., Eng.

Brodnax, William Frederick,.....Leaksville.
M., H., S. & E., B. K.

Bryan, Frederick Charles,.....Newbern.
C., P., M., B. L., A. C.

Burwell, Henry Jordan,.....Williamsboro.
M., F., Ph., Z., Bot., B. L., L.

Chauncey, Samuel Jackson, Jr.,.....Flemington.
C., Bot., B. L.

Daywalt, George Washington,.....Concord.
A. R., H., Eng., M., C., Geol., L., A. C.

Eaton, Lafayette Browne,.....Warrenton.
I. & A. C., Phys., A. C., E. L., Met., M. P., M., Geol., Min.

Ellis, John Calhoun,.....Whiteville.
S. R., M., E., P. E., C. & I. L., B. L., P., Ger., L., G., Log., Bot.

Ellis, Pearson.....Whiteville.
C. & I. L., E. L., Log., S. R., C., Ph., Z., Bot., M., B. L., E.

Ferebee, Cornelius Mackie,..... .....Camden C. H.
B. L., P. E., C. & I. L,

Floyd, Archibald Campbell,. .....Boone.
P. E., B. L., M., L., Geol., E., C. & I. L.

Haizlip, James Daniel, .....Graham.
A. R., H., L., M., B. L.

HARRISON, JOHN ADAMS Jr.,.....Castalia.
P. E., Log.

HILL, ASHLEY THOMAS,.....Kinston.
M., Met., C. & I. L., E., Log., F., A. R.

JONES, WALTER TEMPLE,.....Jonesboro.
B. L., P., E., M., Ph.

KING, GEORGE BADGER,.....Pitt Co.
E., H., B. L., M., L., F., A. R., S. R.

KIRKLAND, LEONIDAS JOSEPH,.....Chapel Hill.
A. R., F., M., C., B. L.

LILES, EDWARD PRENTISS,.....Lilesville.
A. R., E., Bot., L., M., S. R., Geol.

LONG, HAMILTON CRUMP,.....Buncombe Co.
Eng., M., Z., Bot., H., B. L.

MCAULY, JOHN NEWTON,.....Mecklenburg Co.
Eng., Ph., C.

MCINTYRE, DUNCAN THOMAS,.....Laurinburg.
M., Eng., L., Ph., Z., Bot., B. L., B. K.

NEWMAN, JOHN URQUHART,.....Suffolk, Va.
G., Ger., Log., E., S. R., M. P., P. E., C. & I. L.

NICHOLS, JOSHUA ROBERTSON,.....Scotland Neck.
P., E., M., C., Ger.

NIXON, ROBERT BURNS,.....New Hanover Co.
M., L., Ger., F., Ph., Z., Bot.

PATE, THOROUGHGOOD,.....Laurel Hill.
E., P. E., C. & I. L.

PALMER, JAMES RUSSELL,.....Warren Co.
C.

PRICE, JAMES MADISON,.....Leaksville.
Ph., C., A. C.

PRICE, THOMAS JEFFERSON,.....Monroe.
Eng., H., M., C. & I. L., B. L.

REECE, JOSHUA MONTGOMERY,.....Yadkin Co.
C., A. C.

REGISTER, EDWARD CHANCEY,.....Duplin Co.
C., Ph., L., Eng.

ROUNTREE, HERBERT,.....Wilson.
P. E., B. L., E. L., F., L.

SATTERWHITE, SOLOMON GREEN,.....Vance Co.
Eng., A. R., L., Z., Bot., C., B. L., P. E., C. & I. L.

SHAW, ANGUS ROBERTSON,.....Robeson Co.
M. P., E. L., B. L., A. C., P., E., Met.

SHEPPARD, WILLIAM BONAMY,.....Bristol, Florida.
P. E., B. L., C. & I. L.

SHOBER, CHARLES ERNEST,.....Salisbury.
S. & E., M., C., B. K.

SMITH, SAMUEL CLAUDE,.....Goldsboro.
A. R., S. R., C., H., B. L., C. & I. L., Z., Bot.

SMITH, LUBY STEPHENS,.....Goldsboro.
L., M., Eng., Ph., Z., Bot.

SPRUILL, FRANK SHEPHERD,.....Littleton.
C. & I. L., P. E., Met., A. R.

TUCKER, JAMES HENRY,.....Greenville.
M., L., Log., A. R., S. R., H., M. P., B. L.

VANCE, THOMAS MALVERN,.....Charlotte.
P., C., In. & Ag. C., P. E., C. & I. L.

VANCE, JAMES NOEL,.....Asheville.
P. E., B. L., A. C., C.

VANDIVER, WALTER WIGHTMAN,.....Asheville.
C. & L., E. L.

WALSER, ZEBULON BAIRD,.....Yadkin College.
M., Ger., Bot., S. R., F., L.

WILKES, ELI ALSTON,.....Chester, S. C.
L., M., P. E., Met., Log., M. P., E. L.

WILLIAMS, HENRY HORACE,..... Gates Co.
Ger., G., Met., E. L., M. P.

WOODWARD, SIDNEY ALBERT,..... .....Wilson Co.
P. E., C. & I. L., S. R., C., Ger., Log., F., Bot., Ph., B. L.
Total,.....47

## ABBREVIATIONS.

A. C.,.....Analytical Chemistry.
A. R.,.....Art of Rhetoric.
Bot.,.....Botany.
B. K.,.....Book-Keeping.
B. L.,.....Business Law.
C.,.....Chemistry (General).
C. & I. L., Constitutional and International Law.
E.,.....Elocution.
E. L.,.....English Literature.
Eng.,.....English.
F.,.....French.
G.,.....Greek.
Geol.,.....Geology.
Ger.,.....German.
H.,.....History.
In. & Ag. C., Industrial and Agricultural Chemistry.
L.,.....Latin.
Log.,.....Logic.
M.,.....Mathematics.
Met.,.....Metaphysics.
Min.,.....Mineralogy.
M. P.,.....Moral Philosophy.
P.,.....Physics.
P. E.,.....Political Economy.
Ph.,.....Physiology.
S. R.,.....Science of Rhetoric.
S. & E., Surveying and Engineering.
Z.,.....Zoology.

## STUDENTS IN MEDICINE AND PHARMACY.

ATWATER, ALFRED SIDNEY,.....Chatham Co.
HODGE, RICHARD DEBNAM,.....Raleigh.
KLUTTZ, ADAM ALEXANDER,.....Goldsboro.
MCAULY, JOHN NEWTON,.....Mecklenburg Co.
PAISLEY, DRURY LACY,.....Guilford Co.
PRICE, JAMES MADISON,.....Leaksville.
REECE, JOSHUA MONTGOMERY,.....Yadkin Co.
RADCLIFFE, THOMAS,.....Wilmington.
REGISTER, EDWARD CHANCEY,.....Duplin Co.
ROGERS, JUNIUS FOSTER,.....Granville Co.
SMITH, LUBY STEPHENS,.....Goldsboro.
TEMPLE, RUFUS HENRY,.....Wake Co.
Total,.....12

## STUDENTS IN LAW.

BATTLE, THOMAS HALL, A. B.,.....Chapel Hill.
BEAMAN, JOHN ROBINSON, Jr.,.....Clinton.
BROOKS, THOMAS COOK, Ph. B.,.....Person Co.
CRAIG, LOCKE, A. B.,.....Chapel Hill.
DAVIDSON, ALLEN TURNER, Jr.,.....Asheville.
DOWD, WILLIS, A. B.....Charlotte.
FEREBEE, CORNELIUS MACKIE,.....Camden C. H.
GILLIAM, DONNELL,.....Raleigh.
HAIZLIP, JAMES DANIEL,.....Graham.
HARRISON, JOHN ADAMS, Jr.,.....Castalia.
HILL, ASHLEY THOMAS,.....Kinston.
MANNING, JAMES SMITH, A. B.,.....Chatham Co.
PATE, THOROUGHGOOD,.....Laurel Hill.
SHEPPARD, WILLIAM BONAMY,.....Bristol, Florida.
SMITH, SAMUEL CLAUDE,.....Goldsboro.
SPRUILL, FRANK SHEPHERD,.....Littleton.
VANDIVER, WALTER WIGHTMAN,.....Asheville.
WINBORNE, ROBERT WARREN, A. B.,.....Murfreesboro.
Total,.....18

## SUMMARY.

| | |
|---|---|
| Post-Graduate Students, | 6 |
| Fourth Year Students, | 21 |
| Third Year Students, | 23 |
| Second Year Students, | 38 |
| First Year Students, | 56 |
| Optional Students, | 47 |
| Law Students, | 18 |
| Students in Medicine and Pharmacy, | 12 |
| | 221 |
| Counted twice, | 25 |
| Total, | 196 |

## HONORARY DEGREES CONFERRED JUNE 2, 1881.

### DOCTORS OF LAWS.

Rt. Rev. WILLIAM M. GREEN, D. D., ..... Bishop of Mississippi.
Hon. THOMAS RUFFIN, ..... Justice of the Supreme Court.
Rev. A. D. HEPBURN, D. D., ..... President of Davidson College.
Hon. M. W. RANSOM, ..... U. S. Senator.

### DOCTORS OF DIVINITY.

Rev. CALVIN H. WILEY, ..... Winston, N. C.
REV. JOSEPH H. FOY, ..... St. Louis, Mo.

### MASTERS OF ARTS.

Rev. ROBT. W. BOYD, ..... Rowan Co.
W. C. RENCHER, Esq., ..... Pittsboro.
C. A. COOKE, Esq., ..... Warren.

### DOCTOR OF PHILOSOPHY.

FRANK M. DEEMS, M. D., ..... New York.

## POST-GRADUATE STUDENT.

PHILLIPS, WILLIAM BATTLE,.....A. C.,.....Raleigh.
Ph. B. (Univ. of N. C., '77).

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## SUMMARY.

| | |
|---|---|
| Post-Graduate Students,..... | 8 |
| Fourth Year Students,..... | 21 |
| Third Year Students,..... | 22 |
| Second Year Students,..... | 38 |
| First Year Students,..... | 57 |
| Optional Students,..... | 47 |
| Law Students,..... | 18 |
| Students in Medicine and Pharmacy,..... | 12 |
| | 223 |
| Counted twice,..... | 24 |
| Total, ..... | 199 |

# Degrees Conferred in Course.

## BACHELORS OF ARTS.

Adams, William Jackson,..... Carthage.
Avery, John Morehead,.....Morganton.
Brady, John Everett,.....Davidson College.
Dancy, Frank Battle,.....Tarboro.
Hill, Christopher Dudley,.....Faison.
Holt, Robert Oscar,.....Guilford Co.
McIver, Charles Duncan,.....Egypt.
McIver, John Alton,.....Jonesborough.
McRae, Roderick,.....Laurinburg.
Mial, Leonidas Lemay, .....Wake Co.
Neal, John William,.....Stokes Co.
Pell, Robert Paine,.....Chapel Hill.
Phillips, Walter Everett,.....Battleborough.
Stewart, William Belfield,.....Clinton.
Thomas, Charles Randolph, Jr.,.....Newbern.
Walker, John Moseley, Jr.,.....Hickory.
Walker, Lucian Holmes,.....Hickory.
Winborne, Robert Warren,.....Murfreesboro.

## BACHELORS OF PHILOSOPHY.

Albertson, Robert Brooke,..... Raleigh.
Erwin, William Edwin,.....Hendersonville.
Harris, Eugene Lewis,.....Granville Co.
Hines, Frank Gordon,.....Edenton.
Joyner, James Yadkin,.....LaGrange.
Leach, James Madison, Jr.,.....Lexington.
Murphy, James Dixon,.....Pender Co.
Pemberton, William David,.....Albemarle.
Rouse, Noah James, .....LaGrange.
Ruffin, James Hipkin, .....Hillsboro.

## BACHELORS OF SCIENCE.

Battle, Herbert Bemerton,.....Chapel Hill.
Nixon, Alfred,.....Lincoln Co.
Rumbough, Henry Thomas,.....Warm Springs.

# Recipients of Medals, 1880–'81.

## GREEK MEDALS.

Brady, John Everett,.....Davidson College.
Heitman, Numa Fletcher,.....Lexington.
Thompson, Henry Erwin,.....Moore Co.

## CHEMISTRY MEDAL.

McAlister, Alexander Worth,.....Asheboro.

## REPRESENTATIVE MEDAL.

Alderman, Edwin Anderson, .....Wilmington.

## BINGHAM ESSAY MEDAL.

Leach, James Madison, Jr.,.....Lexington.

## MANGUM MEDAL.

Leach, James Madison, Jr.,.....Lexington.

## BINGHAM ENTRANCE MEDAL.

Millender, Marion Charles,.....Selma.

## PRIZE IN MATERIA MEDICA.

Triplett, Jesse Bynum,.....Wilkesboro.

# COURSES OF STUDY.

The Faculty recommends one of the following courses:

## 1.—CLASSICAL COURSE.

This leads to the degree of Bachelor of Arts (A. B.). It corresponds to the old curriculum, but contains more scientific and English studies.

The figures in parentheses denote the number of recitations or lectures per week.

FIRST YEAR.—Algebra and Geometry (5), Latin (4), Greek (4), Rhetoric and History (2).

SECOND YEAR.—Trigonometry, Surveying and Analytical Geometry (4), Latin (4), Greek (4), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (3), Logic and Rhetoric (2), Elocution (1), and any two of the following: *Calculus* (3), *Latin* (3), *French* (3), *German* (3), *Natural History* (3), *Industrial and Agricultural Chemistry* (3), *Greek* (3), *Surveying and Engineering* (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Psychology and Moral Philosophy (2).

## 2.—PHILOSOPHICAL COURSE.

This leads to the degree of Bachelor of Philosophy (Ph. B.). It has been organized for those wishing to study only one ancient language, presenting a choice between Latin and Greek. This allows still greater devotion to scientific and English studies.

FIRST YEAR.—Algebra and Geometry (5), Latin or Greek (4), French (3), Rhetoric and History (2).

SECOND YEAR.—Trigonometry, Surveying and Analytical Geometry (4), Latin or Greek (4), German (3), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (3), Logic and Rhetoric (2), Elocution (1), and any two of the following: *Calculus* (3), *Latin* (3), *German* (3), *Natural History* (3), *Greek* (3), *French* (3), *Industrial and Agricultural Chemistry* (3), *Surveying and Engineering* (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Psychology and Moral Philosophy (2).

## 3.—SCIENTIFIC COURSE.

This leads to the degree of Bachelor of Science (B.S.). It groups the studies that relate especially to the practical pursuits of life.

Facilities are afforded for practical training in scientific studies, particular attention being given to the "branches relating to Agriculture and the Mechanic Arts." By diligent attention to the studies of this course, students will acquire theoretical and practical knowledge of the Chemistry of Agriculture, the Botany of Agriculture, the Physics of Agriculture, the Mechanics of Agriculture, the Zoology of Agriculture, &c.; as well as a competent knowledge of Mathematics, of German and French, in which languages are the chief publications on Agricultural Science, and of such English studies as will fit them to be useful citizens of their country.

Attention is called to the explanation given elsewhere of the aims of the Schools of Chemistry and Physics and the College of Natural History, respecting preparation for scientific pursuits. It will be seen that the special needs of the Southern people are provided for, instruction being given which will be of inestimable value to men of all professions and of every business.

FIRST YEAR.—Algebra and Geometry (5), English (2), Latin or Greek (4), Physiology, Zoology and Botany (3), Natural History Laboratory (2).

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Chemistry (3), French or German (3), Rhetoric and History (2), Advanced Botany (2), Book-keeping (1).

THIRD YEAR.—Surveying and Engineering, or Calculus (3), Industrial Chemistry and Qualitative Analysis (5), Physics (3), French or German (3), Business Law (1).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), and any one of the following: *Calculus* (3), *Surveying and Engineering* (3), *Quantitative Analysis* (3), *Psychology and Moral Philospohy* (2).

## 4.—TEACHERS' COURSE.

This course is intended to prepare young men to be teachers, either in the public or in private schools. It embraces all the studies required by law to be mastered by public school teachers, and several others that are indispensable to excellence in teaching. Students pursuing this course may also select, free of charge, any studies embraced in the other courses. Certificates will be awarded those who complete the course. It is believed that the studies embraced in this course and in the scheme of instruction offered in the University Normal School, which is taught during the summer vacations and is free to all, will be of incalculable benefit, not only to professional teachers,

but to all persons intending to enter into any business or profession and unable to complete one of the regular four years' courses of study in the University.

FIRST YEAR.—English, Reading and Elocution, Arithmetic, Algebra, Geography (Physical and Descriptive), Physiology and School Hygiene, Drawing and Writing, Latin or Greek, Theory of Teaching.

SECOND YEAR.—Rhetoric, History, Reading and Elocution, Book-keeping, Surveying, Algebra, Geometry, Natural Philosophy, Business Law, Composition, Theory of Teaching.

## OPTIONAL COURSES.

The Faculty earnestly advises students to pursue one of the regular courses. But in proper cases they are allowed to choose studies out of the courses, as may be deemed most advantageous, provided they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An optional course once chosen must be adhered to for the session, unless for special reasons the Faculty allows a change. No student is permitted to take a course not deemed by the Faculty worthy of his time and efforts.

## AGRICULTURAL STUDIES.

By availing themselves of an optional course, students, whose time and means are limited, may obtain purely agricultural instruction in branches deemed of special value. The Faculty recommends, however, that every sacrifice possible shall be made to secure a symmetrical education.

Efforts are making for the collection into a museum of the best models of plows and other agricultural implements to serve as models for the instruction of pupils. A considerable number is already on hand and others are expected. In this museum will be exhibited, likewise, specimens of the production of the soil of the various parts of the State.

# DEGREES.

The Degree of Bachelor of Arts is conferred upon those students who have passed approved examinations on the studies enumerated in the Classical Course.

The Degree of Bachelor of Philosophy is conferred upon those students who have passed approved examinations on the studies enumerated in the Philosophical Course.

THE DEGREE OF BACHELOR OF SCIENCE is conferred upon those students who have passed approved examinations on the studies enumerated in the SCIENTIFIC COURSE.

THE DEGREES OF DOCTOR OF PHILOSOPHY, MASTER OF ARTS, AND MASTER OF SCIENCE, are conferred upon students who have completed post-graduate courses of study prescribed by the Faculty.

THE DEGREE OF BACHELOR OF LAWS is conferred upon those students who have passed approved examinations on the studies presented in the LAW COURSE.

## MEDALS AND PRIZES.

GREEK MEDALS.—In the second Greek class, gold medals of equal value are offered: one, to the best scholar; the other, to that member of the class who shall have made the greatest improvement since entering the University, and who shall be adjudged the best student of a grade above eighty-five.

MEDAL FOR ORATORY.—The Misses Mangum, of Orange, offer *in memoriam* of their father, Willie P. Mangum, a gold medal as a prize for the best oration, at the annual Commencement.

THE MATHEMATICAL PRIZE.—A prize worth thirty dollars is offered in honor of Dr. James Phillips and Dr. Charles Phillips, by the sons of the latter. It will be awarded to the member of the second class in Mathematics who attains the highest proficiency above a certain absolute standard.

THE ENGLISH MEDAL.—A lady offers a gold medal to the member of the Senior Class that shall write the best English essay. The terms of the competition are announced to the class by the Professor of English Literature.

THE ENGLISH PRIZE.—A prize is to be awarded to the best English scholar in the first-year class.

# SCHOLARSHIPS.

## THE B. F. MOORE SCHOLARSHIPS.

The late B. F. Moore, of Raleigh, bequeathed $5,000 in U. S. Bonds, the interest of which is to be devoted to paying the tuition of students.

## THE DEEMS FUND.

This Fund was instituted by the Rev. Dr. Deems, pastor of the Church of the Strangers, New York, as a memorial of his son, Lieutenant Theodore

Disosway Deems, who was born at Chapel Hill while his father was in the Faculty of the University. In 1881 it was greatly enlarged through the munificence of Mr. William H. Vanderbilt. On the first of February, 1882, there were notes amounting to $6,720, representing current loans to students. To that date forty-nine students had been helped by the fund. There is a reserve, which will cheerfully be lent to applicants who meet the requirements. They must come with good recommendations for character; or, if members of the University, must have demonstrated to the Faculty that they are worthy of assistance. The loans are made at five per cent. interest, on satisfactory security, and for a sufficient length of time to make the payments easy for proper applicants.

# COLLEGE OF PHILOSOPHY.

## SCHOOL OF POLITICAL SCIENCE.

*Including Political Economy, Constitutional Law, Political History, International Law and Parliamentary Law.*

***PRESIDENT BATTLE.***

Instruction in this school is given by text-books and lectures.

The scheme of lectures embraces such topics as the following:

The history and theory of STATE TAXATION.
" " " STATE BANKING.
" " " NATIONAL BANKING.
" " " THE STATE DEBT.
" " " THE NATIONAL DEBT.

The leading cases decided by the Supreme Court of the United States and of this State on the construction of the Federal Constitution.

Magna Charta of King John, Magna Charta of Edward I., the Petition of Right, the Abolition of Feudal Burdens, the Bill of Rights.

The State Constitution of 1776, the Amendments of 1835, the Amendments of 1854, 1861, 1865.

The Reconstruction Acts, and the Constitution of 1868.

The Amendments of 1874.

The Amended Constitution of 1876.

The causes which led to the Amendments to the National and State Constitutions.

The rules of order governing deliberative assemblies.

The political history of the United States.

While these lectures may be of especial benefit to those who will embrace the legal profession, or engage in politics, they also give information which should be in the possession of every intelligent citizen.

### BUSINESS LAW.

President Battle likewise delivers lectures regularly on Business Law—that is, such legal principles as every business man ought to know.

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## SCHOOL OF METAPHYSICS.

***PROF. MANGUM.***

FIRST YEAR.—*Two recitations a week.*

FIRST TERM.—Logic.

SECOND TERM.—Rhetoric.

SECOND YEAR.—*Two recitations a week.*

FIRST TERM.—Psychology.

SECOND TERM.—Moral Science.

The instruction in Logic embraces the Aristotelian system, and what is deemed of value in the later forms. Special attention is given to the application of the principles of Rhetoric to literary criticism.

With the class in Psychology pains is taken to lead the mind of the student to a practical knowledge of the various mental processes as they bear upon the duties and interests of life.

In the study of Moral Science supreme regard is paid to the data of Christianity as furnishing the only rational and acceptable philosophy of the life of duty. Hence, the first book in the department of Ethics presents the Christian Evidences in refutation of the older and the more recent theories of infidelity.

The text-books last used: Bowen's Logic, Hill's Science of Rhetoric, Milton's Lycidas, Munsell's Psychology, Wright's Logic of Christian Evidences, and Gregory's Christian Ethics.

Various authors on the several subjects are used as needed. The method of instruction combines the text-book and lecture.

# COLLEGE OF MATHEMATICS.

***PROFS. GRAVES, GRANDY AND PELL.***

FIRST YEAR.—*Five recitations a week.*

The studies are Algebra and Geometry.

Text-books: Newcomb's Algebra, Wentworth's Geometry.

SECOND YEAR.—*Four recitations a week.*

Construction and use of Tables of Logarithms, Plane and Spherical Trigonometry with applications to Surveying, Heights and Distances, etc., Plane Analytic Geometry.

Text-books: Wheeler's Trigonometry, Peirce's Logarithms, Puckle's Conic Sections.

THIRD YEAR.—*Three recitations a week.*

Solid Analytic Geometry, Differential and Integral Calculus, Theory of Equations.

Text-books: Venable's Solid Analytic Geometry, Byerly's Differential Calculus, Byerly's Integral Calculus, Todhunter's Theory of Equations.

In this department the aim is to make the course comprehensive and thorough.

Each student is constantly stimulated and assisted in his work, and his progress is tested by oral and written examinations.

Throughout the whole course great importance is attached to the solution of problems as the only way to insure a complete mastery of the subject.

To cultivate originality and precision, questions of greater difficulty are proposed for written solution.

## BOOK-KEEPING.

Facilities are afforded for learning the Science of Accounts.

The subjects of Single Entry and Double Entry Book-keeping are thoroughly explained and illustrated.

Each student is required to write several sets, including, besides the principal books, various auxiliary books and business papers.

This practice is continued until he is familiar with the entries and documents necessary for all ordinary transactions.

This course is useful, not only to those who intend to be accountants, but also to those preparing for any other pursuit who wish to preserve a clear and concise record of their business transactions.

Text-book: Crittenden's Book-keeping.

# COLLEGE OF ENGINEERING.

***PROF. GRANDY.***

FIRST YEAR—*Three recitations a week.*

Although this class constitutes a part of a technical course, it requires only a moderate knowledge of pure mathematics. The instruction is of a thoroughly practical nature and the subjects taught are of great advantage to the student who is seeking general culture only. Field practice is made the prominent feature of the course, each student having abundant opportunity to use the instruments and to become familiar with their manipulation. This practice extends over the entire year. The department is supplied with the theodolite, transit, sextant, level, compasses, and other surveying and engineering instruments. In addition to the practice which these afford, methods are exhibited by which the operations of surveying can be carried on without the use of costly instruments. The course embraces:

1. Surveying—Theory and Use of the Instruments, Land Surveying, Measuring Land, Calculating Areas, Dividing up Land, Laying off Land of given Shape or Area, Surveying Roads and Streams, the Location of Roads, and Topography. Accurate Maps are required to be made from the surveys.

2. Engineering—The Survey and Location of Railroads; Levelling and its applications to the construction of ordinary Roads, Drainage and Irrigation; Laying out Curves of any Curvature; Setting Slope-stakes; the Measurement and Calculation of Earth-work; and all Railroad work up to the point of actual construction.

3. Drawing—Orthogonal and Oblique Projections; Projections of Shades and Shadows; Working Drawings of Machines, of Details used in Iron, Wood and Stone Constructions, and Drawings of Roofs, Bridges and Buildings.

SECOND YEAR.—*Three recitations a week.*

1. Construction of Roads and Railroads, Geodesy, Hydrography.

2. Mechanics, with its applications to Arches, Foundations and Retaining-walls; Strength of Materials; Graphical Statics; Structures of Wood, of

Stone, of Metal; Building Materials; Stability of Structures; Construction of Bridges; Kinematics; Hydraulic Engineering; Thermodynamics.

3. Drawing; Axonometric (including Isometric) Projections, and Perspective Drawing.

# COLLEGE OF LITERATURE.

This College embraces the Schools of Greek, Latin, English, French and German.

The attention of teachers is directed to the prevalent neglect of the study of English, and especially to the necessity of practice in spelling and composition. The want of a competent degree of literary cultivation in our own language disqualifies many young men of good natural abilities for pursuing with success an advanced education.

In Latin and Greek, applicants for admission are too frequently ill-prepared in the rudiments of grammar and unskilled in construction, while a large proportion are utterly ignorant of ancient geography, mythology and history. Some of these defects may be remedied by constant exercise in composition, by frequent written translations from one language into another, and by repeating or writing from memory the ideas expressed in the text.

## SCHOOL OF GREEK.

***PROF. HOOPER.***

FIRST YEAR.—*Four recitations weekly.*

Homer, Herodotus, Xenophon, Exercises in Composition.

SECOND YEAR.—*Four recitations weekly.*

Demosthenes and the Tragedians, Grecian History.

THIRD YEAR.—*Two recitations weekly.*

Selections from Attic Orators, Dramatic Writers, Thucydides.

Among books of reference are Schlegel's Lectures, Thirlwall's and Grote's Histories, Schlieman's Explorations, Bredif's Demosthenes, Brougham on the Crown.

We aim to make exact scholars, and in doing so, to promote precision and clearness of thought. A student thus trained will, we believe, be able to appreciate the productions of classic art, and, if gifted with genius, will be competent to execute the best intellectual work in any department.

## SCHOOL OF LATIN.

***PROF. WINSTON.***

The instruction in this school is given by recitations and occasional lectures. It includes oral and written translations and criticisms of Latin authors, together with frequent practice in writing Latin. Instruction is given in Roman history and in classic mythology and antiquities. The general principles of comparative philology, with especial attention to the Latin verb and noun forms, as well as the philosophy of the subjunctive mood, are explained in a course of lectures.

The progress of the student is tested both by daily recitations and by frequent written examinations; and the final examinations, besides covering the work of the session, relate to passages not previously read by the class.

### Course of Study.

FIRST YEAR—*Four recitations a week.*
Cicero, Livy, Grammar, Composition, History.

SECOND YEAR.—*Four recitations a week.*
Terence, Pliny, Tacitus, Horace, Composition, History, Lectures.

THIRD YEAR—*Three recitations a week.*
Cicero, Tacitus, Juvenal, Persius, Quintilian, Horace, Latin Theses.

The Professor of Latin would be glad to advise with pupils preparing for college and not having the advantage of skillful teachers.

## SCHOOL OF ENGLISH.

***PROFS. MANGUM AND PELL.***

FIRST YEAR.—*Two recitations a week.*

### Scientific Course.

First Term.—Studies in Grammar and Composition.
Second Term.—Studies in English.

### Philosophical and Classical Courses.

First Term.—The Art of Rhetoric.
Second Term.—History and English Exercises.

SECOND YEAR.—*Two recitations a week.*

### Scientific Course.

First Term.—Composition and Rhetoric.
Second Term.—Studies in English and History.

THIRD YEAR.—*Three recitations a week.*

### Philosophical and Classical Courses.

First Term.—Logic and Elocution.
Second Term.—The Science of Rhetoric and Elocution.

### All the Courses.

FOURTH YEAR.—*Four recitations a week.*

First Term.—Historical Study of the Language, Criticism and Original Speeches.

Second Term.—History of English Literature, Criticism, Essays, Original Speeches, and Comprehensive Review.

ELECTIVE OR POST-GRADUATE COURSE.—Special English Criticism, Extra and Advanced Studies in the English Language and Literature, Ancient and Oriental Literature, and Outlines of Universal Literature.

Text-books last used: Whitney's Essentials of English Grammar, Dalgleish's Analysis, Hill's Composition and Rhetoric, Freeman's Outlines of History, Seven Selections from Irving's Sketch-Book, Milton's Lycidas, Suplée's Trench on the Study of Words, Hill's Science of Rhetoric, Bowens' Logic, Hamill's Science of Elocution, Lounsbury's History of the English Language, Arnold's Manual of English Literature, Hudson's Edition of Macbeth, Quackenbos's Ancient and Oriental Literature, Botta's Outlines of Universal Literature, and General Review Questions.

## SCHOOL OF FRENCH.

### *PROF. HOOPER.*

Three recitations weekly, for one year, are devoted to the study of the Grammar, including pronunciation, to the reading of Voltaire's Charles XII. and select plays from Racine, Corneille and Molière. Attention is given to the idiomatic forms as compared with our own language and the Classics.

An optional course is arranged for a second year, embracing the master-pieces of the French Drama, specimens of oratory, history and poetry.

Books: Schele de Vere's and Bolmar's Grammars.

## SCHOOL OF GERMAN.

***PROF. WINSTON.***

FIRST YEAR.—*Three recitations a week.*

Comfort's Course, Whitney's Reader and Grammar.

SECOND YEAR.—*Three recitations a week.*

Schiller's Tell, Goethe's Faust.

Especial attention is paid to the comparative philology of the English and German Languages.

# COLLEGE OF NATURAL SCIENCE.

## SCHOOL OF GENERAL AND AGRICULTURAL CHEMISTRY.

***PROF. VENABLE.***

There are two courses in this school: a first year's course, consisting of lectures on General Chemistry and a second year's course, including Industrial and Agricultural Chemistry and work in the Qualitative Laboratory.

In the former the class meets three times a week throughout the scholastic year. The facts and general principles of Chemistry are presented in the following order:

1. Chemical Physics.
2. The Chemistry of the Metalloids and Metals.
3. Organic Chemistry.

Instruction is given by text-books and lectures and is illustrated by numerous experiments.

In the second year's course lectures are given three times weekly on Industrial Chemistry or the applications of Chemistry to the Arts and Manufac-

tures. The latter part of the course is taken up by Agricultural Chemistry. The subjects treated of in the lectures on Industrial Chemistry will be: Metallurgy or extraction of metals from the ores; the manufacture of glass, porcelain and earthenware; foods, their production and adulteration; clothing, calico-printing, dyeing, bleaching, tanning of leather; building materials, artificial stone, cements, paints, preservation of wood; manufacture of candles, soap, inks, matches, &c.

In Agricultural Chemistry there will be discussed:

1. Chemical constitution of Plants.
2. Chemical constitution of Soils and Atmosphere.
3. Plant Food, nature, sources and application of Fertilizers.

In the laboratory work, which is included in this second year's course, the students spend six hours a week during the year in learning and practicing the methods of Qualitative Analysis. The object is to make them thoroughly familiar with the various substances of which they have heard in the first year's course and to enable them to determine qualitatively any ordinary unknown substance.

A deposit of $10 is required at the beginning of the session to defray the cost of apparatus and chemicals.

Text-books and books of reference: Fownes', Roscoe and Schorlemmer, Fresenius' Qualitative Analysis, Wagner's Technology, Johnson's How Crops Grow and How Crops Feed.

## SCHOOL OF ANALYTICAL CHEMISTRY.

This school is designed to prepare students to become Analytical Chemists, Teachers of Chemistry or Druggists. The course occupies three years, though it can be completed in two if the student devotes the larger portion of his time to it. In the first two years the studies pursued are the same as those mentioned in the courses under General and Agricultural Chemistry. In the third, the class spends ten hours a week in the Laboratory, and full instruction is given in Practical Chemistry, including the qualitative and quantitative analysis of ores, soils, manures, technical products, &c. Students are also encouraged to undertake original research.

### Chemical Laboratories.

Two large Laboratories, a Qualitative and a Quantitative, have been fitted up for the use of the classes. They are supplied with water and gas and all other essential appliances for the prosecution of scientific work.

### Museum.

For purposes of illustration in the various classes a collection of Chemical,

Industrial and Agricultural Products has been commenced, and it is hoped soon to make it quite full and valuable. Already some twelve hundred specimens have been secured.

## SCHOOL OF PHYSICS.

### *PROF. GRANDY.*

This class meets three times a week throughout the year.

The first portion of the year is devoted to the Mechanics of Solids and Fluids, and the remaining and greater portion to Molecular Physics.

The principles of the science are developed and explained, and afterwards illustrated and impressed by numerous experiments. Whenever practicable the student is expected to perform the experiments for himself, and he is thus made familiar with the methods of investigation usually adopted. To insure a clear comprehension of the laws of physics, constant exercise in the solution of problems is required. In the study of Molecular Physics special attention is given to the results of modern researches. An effort is made to give a practical cast also to the instruction in this department, by showing the application of the principles in various familiar implements and machines.

New and convenient rooms have been fitted up for the use of the department, and a large number of valuable instruments has been purchased in Europe during the year.

Text-books: Deschanel's Natural Philosophy, and Todhunter's Natural Philosophy.

## SCHOOL OF MECHANICS AND ASTRONOMY.

### *PROF. GRAVES.*

The class recites three times a week. The subjects taught are:

1. Rational Mechanics, including Statics, Dynamics of a Particle, and an Introduction to Rigid Dynamics.

2. Astronomy, including Spherical and Practical Astronomy and Cosmical Physics.

The Theory of Central Forces is studied in connection with Mechanics.

Text-books: Todhunter's Mechanics, Newcomb and Holden's Astronomy.

# COLLEGE OF NATURAL HISTORY.

## SCHOOL OF GEOLOGY AND MINERALOGY.

***PROF. HOLMES.***

This school embraces three courses of study, viz.: Mineralogy, General Geology, and Economic Geology, and occupies three hours per week during one year.

Mineralogy will be studied during the first term. Instruction will be given during the first part of the term in Crystallography and the chemical and physical properties of Minerals, and the remainder of the time will be devoted to laboratory work in Determinative Mineralogy.

General Geology occupies the first three months of the second term. The aim of this course is to present the general principles of the science. Physiography, Lithology, Structural Geology, Dynamical Geology, and Historical Geology will be studied in the order laid down.

Economic Geology occupies the remainder of the second term. The instruction in this course is devoted mainly to Geology in its relations to Agriculture and Mining, and will include a discussion of the origin and varieties of Soils, Mineral Manures, Building Materials, the nature and origin of Ore Deposits, and a few of the principles of Mining. Attention will be paid to the Economic Geology of North Carolina.

A course of lectures on the Geology of North Carolina will be delivered by the State Geologist, Professor Kerr, during a part of the second term.

Text-books and books of reference: LeConte's Elements of Geology, Dana's New Text-book and Manual of Geology, Page's Economic Geology, Dana's Manual of Mineralogy and Lithology, Dana's System of Mineralogy, Elderhorst's Blow-Pipe Analysis (Nason's edition).

## SCHOOL OF ZOOLOGY.

***PROF. HOLMES.***

The instruction in this school includes courses in Physiology and Hygiene, General Zoology, and Laboratory Work in General Zoology and Economic Entomology.

Physiology and Hygiene occupies three hours per week during the first term. Special lectures will be given on School Hygiene.

General Zoology occupies three recitations and lectures per week during the first half of the second term.

The Laboratory course extends through the year. Each student taking the course will spend four or more hours per week in the dissection of typical forms of animals studied in General Zoology. During the last half of the second term the time will be devoted to a study of insects injurious to vegetation, and the laboratory work will be supplemented by lectures and excursions.

Text-books and books of reference: Huxley and Youman's Physiology and Hygiene, Dalton's Human Physiology, Marshall's Human and Comparative Physiology, Nicholson's Text-book of Zoology, Packard's Zoology, Orton's Comparative Zoology, Huxley's Anatomy of Vertebrated Animals, Huxley and Martin's Biology, Harris' Insects Injurious to Vegetation.

## SCHOOL OF BOTANY.

### *PROF. HOLMES.*

The School of Botany is divided into two courses—a general course, including Physiological Botany, and an advanced course, including (a) Cryptogamic Botany, (b) Grasses and Forage Plants, (c) Vegetable Physiology.

Physiological Botany occupies three hours per week during the second half of the second term. The instruction is devoted to a study of the form, structure and function of the parts or organs of the plant. Each student will be required to do work in plant analysis during the term, and at the close will hand in a collection of thirty mounted specimens.

The advanced course occupies two hours per week during one year. The instruction will consist of lectures and laboratory work.

Cryptogamic Botany, including a study with the microscope of the lower forms of plants, will be taken up during the first session. Special attention will be paid to rust, smut and other fungi parasitic upon field crops.

Grasses and forage plants will be studied during the first half of the second session. The time will be devoted to a consideration of the cereals and more important grasses, and valuable forage plants of other families.

Vegetable Physiology, or the life and growth of plants, will be taken up during the last half of the second term. Attention will be paid to the growth of the plant as effected by cultivation, different kinds of soil and fertilizers.

Text-books and works of reference: Gray's Lessons and Manual of Botany, Gray's Structural Botany, Bessey's Botany, Johnson's How Crops Grow and How Crops Feed, Chapman's Southern Flora.

# SCHOOL OF LAW.

***HON. KEMP P. BATTLE, LL. D., President.***
***HON. JOHN MANNING, A. M., Professor.***

This department contains two classes:

1. A class consisting of students who have no other connection with the classes of the University.

2. A class consisting of such students of other departments of the University as are allowed by the Faculty, in addition to their other studies, to pursue the study of the law.

While particular attention is directed to preparation for obtaining license to practice law in the courts of this State, the student will be invited to pursue a more extended course, and to obtain a broad and liberal knowledge of the law.

Wherever the law of North Carolina differs from that enunciated in the text-books, information is given of such difference and the reason therefor. Lectures are given from time to time on such subjects as have been greatly modified by our statutes, such as Marriage, Descent, Wills, Limitations, and Exemptions from Executions, &c.

A Moot Court for the discussion of law questions, and for instruction in the practice of the courts, is regularly held by the Professor, assisted by President Battle.

THE PLAN OF STUDIES comprises: (a) The course prescribed by the Supreme Court of the State for applicants for license to practice. (b) A course of study for those desiring to compete for the degree of Bachelor of Laws.

Text-books: (a) Blackstone's Commentaries, Williams on Real Property, Williams on Executors, Stephen on Pleading, Chitty's Pleading, Adams' Doctrine of Equity, first Greenleaf on Evidence, and the Code of Civil Procedure. (b) Parsons on Contracts, Pierce on American Railroad Law, Angell & Ames on Corporations, Bigelow on Torts, Cooley's Constitutional Limitations, Washburn on Criminal Law, and Stephens' Law of Evidence.

To complete the entire course will ordinarily require two years, at the end of which the degree of Bachelor of Laws will be conferred on such students as shall pass an approved examination.

Those joining (a) class during the course, standing an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The advantages offered by this school are: 1. The use of the University and Society libraries, amounting in the aggregate to near twenty thousand volumes. 2. The training to be derived from participation in the debates and other exercises of the two literary societies. 3. The opportunity afforded, on easy

terms, of attending the lectures of the President and such other lectures as they may desire. 4. Freedom from temptation and the stimulant to study found in the University regulations, and in the atmosphere of study and of books pervading Chapel Hill.

The Professor of Law receives no salary from the Trustees of the University.

TERMS, PAYABLE IN ADVANCE: For the whole course, $150; per session for the independent class, $50; per session for the University class, $35.

Students will be received at any time and for any period. In such cases reasonable deduction of tuition fees will be made.

The sessions and vacations of this department are the same as those of the University.

## SCHOOL OF MEDICINE AND PHARMACY.

***THOMAS W. HARRIS, A. M., M. D.,***
*Professor of Anatomy, Materia Medica and Pharmacy.*
***JOSEPH A. HOLMES, B. Agr.,***
*Professor of Botany and Physiology.*
***F. P. VENABLE, Ph. D.,***
*Professor of General, Analytical and Applied Chemistry.*

FIRST YEAR.—Anatomy, Materia Medica and Therapeutics, three lessons per week.
Botany and Physiology.
General Chemistry, three lessons a week, with laboratory work.

SECOND YEAR.—Anatomy, Practice of Medicine, Surgery, Obstetrics, Analytical and Applied Chemistry. Laboratory work, six hours a week.

Dissection is made obligatory on students of anatomy. After the dissections are over, a short course on the operations of surgery is given. Students have the opportunity of making the operations for themselves.

The school is in the possession of a good supply of dissected models, made by the celebrated Dr. Anzoux, of Paris. These are of great service in illustrating the lessons in anatomy and physiology, when dissections are not practicable.

Text-books: Gray's Anatomy, Dalton's Physiology, Bartholow's Materia

Medica and Therapeutics, Flint's Practice, Ashhurst's Surgery, Playfair's Obstetrics.

Chemistry and Botany. (See those schools, pp. 29 and 33).

Students who spend two years at the Medical School of the University and study all the branches of medicine, may become candidates for graduation after one session at the medical colleges whose diplomas they may seek.

The sessions of the Medical School begin and end with those of the other departments of the University.

CHARGES:—Chemistry, including laboratory fee, $30.00; Physiology and Botany, $7.50; other branches, $50.00 per year. Total, $87.50 per year.

## PHARMACY.

The course of study extends over two sessions of five months each, and includes:

Materia Medica and Pharmacy, by Dr. Harris.

Botany, by Prof. Holmes.

Chemistry—General, Analytical and Applied, by Prof. Venable.

The course in Materia Medica includes the study of drugs, their physical properties, physiological actions, and the actions of poisons and their antidotes.

In Pharmacy students are given theoretical and practical instruction in the art of preparing the various pharmaceutical compounds.

Text-books: Stillé and Maisch, Parrish's Pharmacy.

Students who have attended the exercises of this school for two sessions of five months each, or who have attended one session at this school, with one session at some other recognized school of Pharmacy, and who shall stand an approved examination on all the studies of the course, will be entitled to CERTIFICATES OF GRADUATION. Those who have had three years' experience as drug clerks, in addition to the above requirements, will be entitled to the Diploma and DEGREE OF GRADUATE OF PHARMACY.

Diplomas will be given in exchange for certificates as soon as their possessors shall furnish satisfactory evidence of having the requisite experience in compounding drugs.

The charges are, for Materia Medica and Pharmacy, $30.00; Botany, $5.00; Chemistry (with laboratory fee), $30.00.

# HISTORY.

The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz.: "All useful learning shall be duly encouraged and promoted in one or more Universities."

The charter was granted in 1789. On October 12th, 1793, the corner-stone of the first building, the "Old East," was laid by William Richardson Davie, afterwards Governor. The doors were opened for students in February, 1795. The buildings are now eight in number, with ample dormitories, recitation-rooms and public halls.

## LOCATION.

The University is situate at Chapel Hill, twenty-eight miles from Raleigh, the seat of government, and is reached by a branch of the North Carolina Railroad, on which daily trains run.

## GOVERNMENT.

The University is under the control of a Board of seventy-two Trustees, elected by the joint vote of the General Assembly. Of these, one-fourth go out of office, and their places are filled, every two years. Although not required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh, on a day selected by the chairman, and in the summer at Chapel Hill, during Commencement week. The former is called the Annual Meeting. The Governor is *ex-officio* Chairman of the Board. Ten constitute a quorum. During the recess of the Board, an Executive Committee of seven Trustees, elected at the annual meeting, exercises all the powers of the Board of Trustees, except those specially prohibited.

## ORGANIZATION.

As reorganized, the institution is designed to hold the position and to do the work of a University. In the several colleges which it embraces, it offers independent instruction in the different departments of knowledge. While thus meeting the requirements of various circumstances and of individual taste, the Trustees have grouped several systems which experience indicates as adapted to the necessities of those who desire effective mental discipline, together with liberal culture.

## DISCIPLINE.

The discipline of the institution is designed to prevent irregularities and excesses which conflict with the improvement of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe decorum and courtesy towards each other at all times.

No secret societies or clubs, other than the two literary societies hereafter mentioned, will be allowed.

The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence over his fellows.

## EXAMINATIONS AND REPORTS.

Each student is required to attend, on an average, three class exercises daily.

In addition to the daily recitations and lectures, systematic written examinations are held from time to time on the various studies, and, at the close of each term, comprehensive and searching final examinations are held on all the studies pursued during the term.

Regular monthly reports are made to parents concerning the punctuality and diligence of the students, and detailed reports of scholarship are made at the close of each term.

## LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to attach himself. The halls and libraries of these societies are commodious and elegantly furnished. The libraries contain each over seven thousand volumes, including history, biography, poetry, science, philosophy and the standard English and American reviews and magazines. Each society owns many valuable portraits and a considerable museum of curiosities and minerals.

The exercises of these societies and access to their libraries are ranked among the prominent advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

## RELIGIOUS SERVICES.

The students are expected to attend the Sunday Bible classes, the daily morning prayers in the University chapel, and the Sunday services in the several churches in the village.

## YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity, and its influence for good is very marked.

Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week, in one of the University halls set apart for the purpose.

## MUSEUMS.

The University Museum occupies the large hall on the third floor of the East Building. Here the cabinets of the various departments have been brought together and arranged. The Geological and Mineralogical collection includes the "Vienna Cabinet," which alone comprises over two thousand specimens from all parts of the world; a large collection of minerals, rocks and fossils, collected by the late Dr. Emmons, when State Geologist, donated to the University by the State; and much material secured through the kindness of the present State Geologist, Prof. Kerr; a set of North Carolina marls, now so extensively known as fertilizers; samples of mica, gold and other minerals, and of building stones found within the State.

The Zoological Collection includes a cabinet of insects collected in the vicinity of Chapel Hill, containing rare and valuable species, and a large number of reptiles preserved in alcohol.

In Botany, besides an Herbarium of the local flora, there is a fine set of native woods, carefully prepared and labeled; and a large collection of seeds, grains and fibres from many countries, which will be employed in the experiments of the students in Botany.

Under the head of the Department of Chemistry will be found an account of the Industrial and Agricultural Museum. This collection is already quite valuable, and considerable additions have been made.

## LIBRARIES.

The libraries of the two societies have been already mentioned. The University library contains about six thousand volumes and two thousand pamphlets. It is especially useful to students of history and language. Its French and English editions of the classics and books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable.

## ANNUAL EXPENSES.

| | | | |
|---|---|---|---|
| Tuition (including room and attendance) | $ 85 00 | | $ 85 00 |
| Washing | 9 00 | | 9 00 |
| Board | 63 00 | to | 112 50 |
| Wood | 3 50 | to | 10 50 |
| Lights | 1 00 | to | 2 00 |
| Books | 8 00 | to | 14 00 |
| Total | $169 50 | to | $233 00 |

To these items must be added others which will be determined by the habits of the students themselves, viz.: travelling expenses, clothing, furniture of room, pocket money and fees in one of the literary societies. Books and stationery will be furnished at New York retail prices.

During the present session over sixty students, by forming clubs, obtained board at cost, being not more than $7.00 per month.

The fee for tuition must be paid in advance. The Faculty earnestly advises parents to send the money necessary for defraying the expenses of their sons to A. Mickle, Esq., Bursar, who will safely keep and pay out the same without charge. Pains will be taken to confine the expenses of education at the University within reasonable limits. If the provisions of the "Act concerning the University," in Battle's Revisal, are faithfully observed, parents and guardians may feel confident that this desirable result will be secured.

## THE SESSIONS BEGIN

always on the last Thursday in August, and end on the first Thursday in June, with a vacation of about a week at Christmas.

## REQUISITES FOR MATRICULATION.

For admission into the University, such preparation is required as will enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age Exceptions may be allowed at the discretion of the Faculty.

## EXAMINATIONS FOR ENTRANCE.

IN LATIN.—Cæsar's Gallic War (5 books), Virgil's Æneid (4 books), Cicero's Select Orations. Equivalent amounts from other authors will be accepted. Applicants must exhibit some acquaintance with Roman history and geography. A thorough knowledge of forms is indispensable.

IN GREEK.—Grammar (Goodwin's, Curtius', or Hadley's), Leighton's or White's Greek Exercises, Xenophon's Anabasis (3 books), Grecian History, Geography and Mythology.

IN MATHEMATICS.—Arithmetic, Algebra (to Equations of Second Degree).

IN ENGLISH.—English Grammar, History of the United States, Modern Geography.

Applicants wishing to pursue the scientific studies, including the branches relating to Agriculture and the Mechanic Arts, are examined in English and Arithmetic. Those desiring to take the Philosophical Course must, in addition, be examined in Latin or Greek, according to the selection made. For

the Classical Course, applicants must be examined in all the foregoing studies; Optional students, in such of the above as relate to the studies they select.

For admission to advanced standing, applicants will be examined in the studies completed by the classes which they wish to join. A detailed statement of these studies will be found under the head of the separate schools.

## STATE STUDENTS.

By Section 3 of the Act of the General Assembly of February 11th, 1867, "It shall be the privilege of the County Court (now County Commissioners), in each county in this State forever to select annually one native of the State, resident in said county, of good moral character and capacity for usefulness, without the requisite means to defray the necessary expenses of education, who shall be admitted to any classes in the University for which he may be prepared, free of all charges for tuition and room rent, so that each county may always have one representative."

And by Section 4: "In order to promote the liberal and practical education of the industrial classes of the State, pupils may be admitted to the branches of Agriculture and Mechanic Arts who possess the requisite qualifications for these studies, without the previous literary training requisite for admission into the regular college courses."

By a recent Act of Assembly, it is required that the applicant for the county appointment shall prove, by his own oath, and at least one other credible witness, that neither he nor his parents or guardian, nor either of them, have the requisite means to defray his tuition and room rent. Those who obtain these appointments must promise the Faculty of the University, in writing, that they will teach in the State a period equal to half the time during which they shall receive free tuition.

## AID TO STUDENTS OF LIMITED MEANS.

By authority of the Board of Trustees, the Faculty will give time on tuition to other worthy young men of limited means, or lend money out of the Deems Fund, as heretofore stated.

# UNIVERSITY NORMAL SCHOOL.

The School was opened in the University buildings, at Chapel Hill, N. C., June 16, and closed July 21, 1881.

## FACULTY, OFFICERS AND INSTRUCTORS.

Hon. Kemp P. Battle, LL. D., President.

Prof. J. L. Tomlinson, Baltimore, Md., Superintendent until July 4th, and Teacher of Grammar and Geography.

Prof. H. E. Shepherd, Baltimore, Md., Superintendent from July 4th to the close of the School, and Lecturer on the English Language.

Prof. Alex. McIver, Patterson's Mills, N. C., Teacher of Mathematics, Geography and History.

Prof. N. Y. Gulley, Smithfield, N. C., Teacher of English Grammar and Arithmetic.

Rev. W. S. Long, Graham, N. C., Teacher of English Grammar.

Prof. Eugene L. Harris, Sassafras Fork, N. C., Teacher of Writing and Penmanship.

Dr. Thos. W. Harris, Chapel Hill, N. C., Teacher of Physiology and Hygiene.

Dr. Jas. J. Vance, Racine, Wisconsin, Lecturer on Elocution and Vocal Culture.

Prof. Wm. B. Phillips, Chapel Hill, N. C., Teacher of Chemistry and Natural Philosophy.

Rev. William R. Atkinson, Charlotte, N. C., Teacher of Algebra and Geometry.

Prof. F. N. Skinner, Edenton, N. C., Teacher of Latin.

Rev. R. T. Bryan, Kenansville, N. C., Teacher of Latin.

Prof. R. P. Pell, Chapel Hill, N. C., Teacher of English Philology.

Prof. Chas. L. Wilson, Chapel Hill, N. C., Teacher of Vocal Music.

Prof. Wm. I. Marshall, Fitchburg, Mass., Lecturer on Geography and Arithmetic.

Miss Jane L. Long, Greensboro, N. C., Teacher of "Model Class."

Miss Mary T. Pescud, Raleigh, N. C., Teacher of Calisthenics.

Capt. Jno. E. Dugger, A. M., Raleigh, N. C., Phonics, Calisthenics and Secretary.

Number of students enrolled.....338
" " Males.....170
" " Females.....168
" " Counties represented.....62

## THE UNIVERSITY NORMAL SCHOOL

of 1882 will begin on June 15th next, and continue for five weeks.

## DONATIONS TO INDUSTRIAL AND AGRICULTURAL MUSEUM.

Coals and Cokes: S. H. Hawes, Richmond, Va.

Lonisiana Sulphur: E. L. Bemiss, New Orleans.

Fertilizers and Materials for their Manufacture: Upshur Guano Co.

Products from Rosin Gas Manufacture: Raleigh Gas Works.

Products from Coal Gas Manufacture: Charlottesville (Va.) Gas Works.

Sea Island Cotton: Witte Bros., Charleston, S. C.

Zinc Ores and Spelter: Bertha Zinc Co., Martin's, Va.

Sand, Cullet and Glass Specimens: Whitall, Tatum & Co., Philadelphia.

Specimens of Fertilizers, &c., from Atlanta Exhibition: W. B. Phillips, Raleigh.

Specimens illustrating Messau Process, W. B. Phillips, Raleigh.

North Carolina Silk and Cocoons: Dr. W. C. Kerr, Raleigh.

Specimens of Pig-Iron and Ores: Lowmoor Iron Co., Lowmoor, Va.

Specimens of Sorghum and Maize Sugar: U. S. Dep't of Agriculture.

Wool and Specimens of Manufactures: F. & H. Fries, Salem, N. C.

Considerable additions have been made by purchase to the Department of Chemistry, a large portion of which was imported from Germany.

## DONATIONS TO THE UNIVERSITY LIBRARY.

Mrs. C. P. Spencer has added to the donations from her father's library about two hundred volumes, making in all about one thousand volumes.

By Rev. J. B. Cheshire, Jr.: Thirteen volumes of Hening's Statutes at Large.

By the State (through the Secretary of State): N. C. Reports, vols. 84 and 85.

By Hon. Jos. J. Davis: Twenty-three volumes of Public Documents.

By the Bureau of Education: Report of the Commissioner of Education, 1879.

By the Publishers: *The Mining Record; The American Missionary; The Church Union; Potter's American Monthly; International Review; Wilmington Post; Asheville Citizen; Charlotte Democrat; Ashboro Courier; Danbury Reporter and News; Musical Record* (Boston); *Greensboro Patriot; Goldsboro Messenger; Church Paper* (Lutheran); *Chatham Argus; Lenoir Topic; Industrial Review; Person County News.*

By the Wisconsin Historical Society: Fathers of Wisconsin; Catalogue of Library.

By E. J. Hale & Son: Mecklenburg Centennial; Timrod's Poems; History of the English Language, Shepherd; Hoosier Mosaics; Bellview; History of the United States; Elements of Algebra.

By Department of the Interior: Public Documents, 28 volumes.

By Gen. W. R. Cox, M. C.: Congressional Record, 1881.

By President K. P. Battle: Burlamaqui's Natural Law, 2 vols.; Peabody Education Fund, vol. 3; Elflora of the Susquehanna.

Hon. M. W. Ransom: Centennial Map.

Rev. Dr. Curry: Annual Report of Peabody Fund.

## DONATIONS TO THE DIALECTIC LIBRARY.

By J. Allen Holt: Carlyle's French Revolution, 2 vols.

By R. O. Holt: 6 Nos. of the Atlantic Monthly.

By Jos. Blount Cheshire, Jr.: A Sermon in Memoriam of Thomas Atkinson, D. D., LL. D.

By Mrs. C. P. Spencer: Hall's Arctic Expedition, 4 vols.

By U. S. Patent Office: Official Gazette for 1881.

By E. P. Liles: Museum of Literature, vol. III, 1849; Sterne's Works; The Attorney, by J. T. Irving; Lawson's History of North Carolina.

Hon. W. L. Steele: Four volumes of Public Documents.

Hon. Z. B. Vance: Twenty-five volumes of Public Documents.

Hon. J. J. Davis: Nineteen volumes of Public Documents.

Oil portrait of Gov. Abram Rencher; crayon portrait of Judge R. M. Pearson; portrait of Judge A. A. McKoy; portrait of Hon. John Long, from W. J. Long, Esq.; crayon portrait of President Battle, from W. G. Randall.

# DONATIONS TO THE PHILANTHROPIC LIBRARY.

By Hon. Jos. J. Davis: Forty-two volumes of Public Documents.

Hon. M. W. Ransom: Eight volumes of Congressional Documents.

By Rev. J. H. Hutchins: Compend of the Works of Justus Lipsius, 1726.

By Rev. Chas. Phillips, D. D.: University Magazine, vol. 9.

By Hon. K. P. Battle, LL. D.: Annual Record of Science and Industry, 1873–'74, 2 vols.

By P. H. Joyner: The Cash-Shannon Duel (pamphlet).

## FORM OF BEQUEST OR DONATION TO THE UNIVERSITY.

I give (or bequeath) to the Trustees of the University of North Carolina ..... to be used exclusively for the following purposes:

.....

.....

(*Signature.*)